

INTERNATIONAL SEARCH REPORT

International Application No
/GB2004/003418

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01D53/04 B01D53/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | WO 98/48168 A (SAES PURE GAS INC) 29 October 1998 (1998-10-29) page 16, line 11 - page 18, line 2; claims 1-31; figure 3 | 1-16 |
| A | US 2003/038082 A1 (SUCCI MARCO ET AL) 27 February 2003 (2003-02-27) claims 1-23 | 1-16 |
| A | US 5 895 519 A (LORIMER D ARCY H) 20 April 1999 (1999-04-20) claims 1-70 | 1-16 |
| A | EP 0 255 965 A (SGS MICROELETTRONICA SPA) 17 February 1988 (1988-02-17) column 1, line 54 - column 2, line 48 | 1-16 |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|---|--|
| WO 9848168 | A | 29-10-1998 | CN 1252844 T EP 1012478 A2 JP 2001524872 T WO 9848168 A2 | 10-05-2000 28-06-2000 04-12-2001 29-10-1998 |
| US 2003038082 | A1 | 27-02-2003 | IT MI20000882 A1 IT MI20000892 A1 AU 5254901 A CA 2404195 A1 CN 1425077 T CN 1425078 T EP 1274879 A1 WO 0179587 A1 JP 2003531151 T TW 550307 B | 19-10-2001 22-10-2001 30-10-2001 25-10-2001 18-06-2003 18-06-2003 15-01-2003 25-10-2001 21-10-2003 01-09-2003 |
| US 5895519 | A | 20-04-1999 | AU 2342097 A WO 9735805 A1 | 17-10-1997 02-10-1997 |
| EP 0255965 | A | 17-02-1988 | IT 1197069 B DE 3762889 D1 EP 0255965 A2 US 4785638 A | 25-11-1988 28-06-1990 17-02-1988 22-11-1988 |